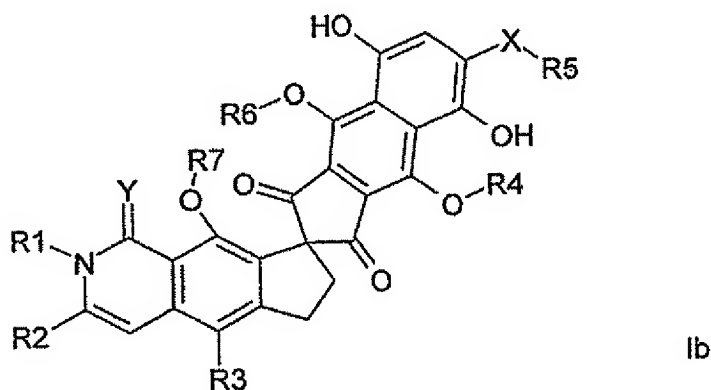
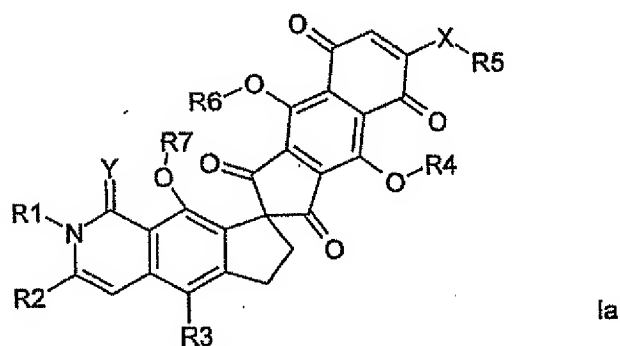


# AMENDMENTS TO THE CLAIMS

1. (Currently amended) ~~The compounds~~ A compound according to the general formula Ia or Ib:



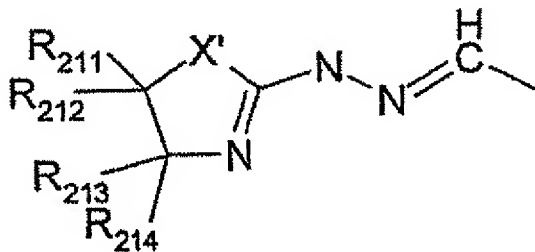
wherein in each

R1 means H, C<sub>1</sub>-C<sub>6</sub> alkyl, cyclically, or C<sub>1</sub>-C<sub>4</sub> alkylcycloalkyl,

R3 means H and

R2 means H, ~~C<sub>1</sub>-C<sub>14</sub> alkyl~~, ~~C<sub>2</sub>-C<sub>14</sub> alkenyl~~, aryl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, C<sub>2</sub>-C<sub>4</sub> alkenylheteroaryl, cycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylcycloalkyl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylheterocycloalkyl, C<sub>m</sub>H<sub>2m+o-p</sub>Y<sub>p</sub> (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR<sub>21</sub>, NH<sub>2</sub>, NHR<sub>21</sub>, NR<sub>21</sub>R<sub>22</sub>, and SH, SR<sub>21</sub>), (CH<sub>2</sub>)<sub>r</sub>CH<sub>2</sub>NHCOR<sub>21</sub>, (CH<sub>2</sub>)<sub>r</sub>CH<sub>2</sub>OCOR<sub>21</sub>, (CH<sub>2</sub>)<sub>r</sub>CH<sub>2</sub>NHCSR<sub>21</sub>, (CH<sub>2</sub>)<sub>r</sub>CH<sub>2</sub>S(O)<sub>n</sub>R<sub>21</sub>, with n = 0, 1, 2, (CH<sub>2</sub>)<sub>r</sub>CH<sub>2</sub>SCOR<sub>21</sub>, (CH<sub>2</sub>)<sub>r</sub>CH<sub>2</sub>OSO<sub>2</sub>-R<sub>21</sub>, (CH<sub>2</sub>)<sub>r</sub>CHO, (CH<sub>2</sub>)<sub>r</sub>CH=NOH,

$(\text{CH}_2)_r\text{CH}(\text{OH})\text{R}_{21}$ ,  $-(\text{CH}_2)_r\text{CH}=\text{NOR}_{21}$ ,  $(\text{CH}_2)_r\text{CH}=\text{NOCOR}_{21}$ ,  
 $(\text{CH}_2)_r\text{CH}=\text{NOCH}_2\text{CONR}_{21}\text{R}_{22}$ ,  $(\text{CH}_2)_r\text{CH}=\text{NOCH}(\text{CH}_3)\text{CONR}_{21}\text{R}_{22}$ ,  
 $(\text{CH}_2)_r\text{CH}=\text{NOC}(\text{CH}_3)_2\text{CONR}_{21}\text{R}_{22}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-NHCO-R}_{23}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-NHC}(\text{O})\text{NH-R}_{23}$ ,  
 $(\text{CH}_2)_r\text{CH}=\text{N-NHC}(\text{S})\text{NH-R}_{23}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-NHC}(\text{NH})\text{NH-R}_{23}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-NHC}(\text{NH})\text{-R}_{23}$ ,  
 $(\text{CH}_2)_r\text{CH}=\text{N-NHCO-CH}_2\text{NHCOR}_{21}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-O-CH}_2\text{NHCOR}_{21}$ ,  
 $(\text{CH}_2)_r\text{CH}=\text{N-NHCS-R}_{23}$ ,  $(\text{CH}_2)_r\text{CH}=\text{CR}_{24}\text{R}_{25}$  (trans or cis),  $(\text{CH}_2)_r\text{COOH}$ ,  $(\text{CH}_2)_r\text{COOR}_{21}$ ,  
 $(\text{CH}_2)_r\text{CONR}_{21}\text{R}_{22}$ ,  $-(\text{CH}_2)_r\text{CH}=\text{NR}_{21}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-NR}_{21}\text{R}_{22}$ ,



, and the  $(\text{CH}_2)_r$ -chain elongated group  $(\text{CH}_2)_r\text{CH}=\text{N-N}-(\text{C}_3\text{NX}'\text{R}_{211}\text{R}_{212}\text{R}_{213}\text{R}_{214})$  (with X' = NR<sub>215</sub>, O, S, and R<sub>211</sub>, R<sub>212</sub>, R<sub>213</sub>, R<sub>214</sub>, R<sub>215</sub> being independently H or C<sub>1</sub>-C<sub>6</sub> alkyl), -  
 $(\text{CH}_2)_r\text{CH}=\text{N-NHSO}_2$  aryl, or  $-(\text{CH}_2)_r\text{CH}=\text{N-NHSO}_2$  heteroaryl, with r = 0, 1, 2, 3, 4, 5,

or

R<sub>3</sub> means F, Cl, Br, I, OH, OR<sub>31</sub>, NO<sub>2</sub>, NH<sub>2</sub>, NHR<sub>31</sub>, NR<sub>31</sub>R<sub>32</sub>, NHCHO, NHCOR<sub>31</sub>,

NHCOCF<sub>3</sub>, CH<sub>3</sub>-mhal<sub>m</sub> (with hal = Cl, F, and m = 1, 2, 3), or OCOR<sub>31</sub>, and

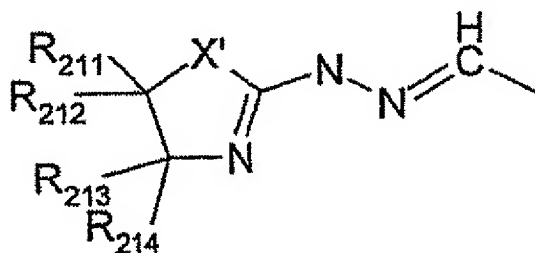
R<sub>2</sub> means H, C<sub>1</sub>-C<sub>14</sub> alkyl, C<sub>2</sub>-C<sub>14</sub> alkenyl, aryl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, C<sub>2</sub>-C<sub>4</sub> alkenylheteroaryl, cycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylcycloalkyl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylheterocycloalkyl, C<sub>m</sub>H<sub>2m+o-p</sub>Y<sub>p</sub> (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR<sub>21</sub>, NH<sub>2</sub>, NHR<sub>21</sub>, NR<sub>21</sub>R<sub>22</sub>, and SH, SR<sub>21</sub>),

$(\text{CH}_2)_r\text{CH}_2\text{NHCOR}_{21}$ ,  $(\text{CH}_2)_r\text{CH}_2\text{OCOR}_{21}$ ,  $(\text{CH}_2)_r\text{CH}_2\text{NHCSR}_{21}$ ,  $(\text{CH}_2)_r\text{CH}_2\text{S}(\text{O})_n\text{R}_{21}$ , with n = 0, 1, 2,  $(\text{CH}_2)_r\text{CH}_2\text{SCOR}_{21}$ ,  $(\text{CH}_2)_r\text{CH}_2\text{OSO}_2\text{-R}_{21}$ ,  $(\text{CH}_2)_r\text{CHO}$ ,  $(\text{CH}_2)_r\text{CH}=\text{NOH}$ ,

$(\text{CH}_2)_r\text{CH}(\text{OH})\text{R}_{21}$ ,  $-(\text{CH}_2)_r\text{CH}=\text{NOR}_{21}$ ,  $(\text{CH}_2)_r\text{CH}=\text{NOCOR}_{21}$ ,

$(\text{CH}_2)_r\text{CH}=\text{NOCH}_2\text{CONR}_{21}\text{R}_{22}$ ,  $(\text{CH}_2)_r\text{CH}=\text{NOCH}(\text{CH}_3)\text{CONR}_{21}\text{R}_{22}$ ,

$(\text{CH}_2)_r\text{CH}=\text{NOC}(\text{CH}_3)_2\text{CONR}_{21}\text{R}_{22}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-NHCO-R}_{23}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-NHC}(\text{O})\text{NH-R}_{23}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-NHC}(\text{S})\text{NH-R}_{23}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-NHC}(\text{NH})\text{NH-R}_{23}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-NHC}(\text{NH})\text{R}_{23}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-NHCO-CH}_2\text{NHCOR}_{21}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-O-CH}_2\text{NHCOR}_{21}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-NHCS-R}_{23}$ ,  $(\text{CH}_2)_r\text{CH}=\text{CR}_{24}\text{R}_{25}$  (trans or cis),  $(\text{CH}_2)_r\text{COOH}$ ,  $(\text{CH}_2)_r\text{COOR}_{21}$ ,  $(\text{CH}_2)_r\text{CONR}_{21}\text{R}_{22}$ ,  $-(\text{CH}_2)_r\text{CH}=\text{NR}_{21}$ ,  $(\text{CH}_2)_r\text{CH}=\text{N-NR}_{21}\text{R}_{22}$ ,



, and the  $(\text{CH}_2)_r$ -chain elongated group  $(\text{CH}_2)_r\text{CH}=\text{N-N}-(\text{C}_3\text{NX}'\text{R}_{211}\text{R}_{212}\text{R}_{213}\text{R}_{214})$  (with  $\text{X}' = \text{NR}_{215}$ , O, S, and  $\text{R}_{211}$ ,  $\text{R}_{212}$ ,  $\text{R}_{213}$ ,  $\text{R}_{214}$ ,  $\text{R}_{215}$  being independently H or  $\text{C}_1\text{-C}_6$  alkyl),  $-(\text{CH}_2)_r\text{CH}=\text{N-NHSO}_2$  aryl, or  $-(\text{CH}_2)_r\text{CH}=\text{N-NHSO}_2$  heteroaryl, with  $r = 0, 1, 2, 3, 4, 5$ ,

$\text{R}_{21}$ ,  $\text{R}_{22}$  are independently H,  $\text{C}_1\text{-C}_{14}$  alkyl,  $\text{C}_1\text{-C}_{14}$  alkanoyl,  $\text{C}_1\text{-C}_6$  alkylhydroxy,  $\text{C}_1\text{-C}_6$  alkoxy,  $\text{C}_1\text{-C}_6$  alkylamino,  $\text{C}_1\text{-C}_6$  alkylamino- $\text{C}_1\text{-C}_6$  alkyl,  $\text{C}_1\text{-C}_6$  alkylamino-di- $\text{C}_1\text{-C}_6$ -alkyl, cycloalkyl,  $\text{C}_1\text{-C}_4$  alkylcycloalkyl, heterocycloalkyl,  $\text{C}_1\text{-C}_4$  alkylheterocycloalkyl, aryl, aryloyl,  $\text{C}_1\text{-C}_4$  alkylaryl, heteroaryl, heteroaryloyl,  $\text{C}_1\text{-C}_4$  alkylheteroaryl, cycloalkanoyl,  $\text{C}_1\text{-C}_4$  alkanoylcycloalkyl, heterocycloalkanoyl,  $\text{C}_1\text{-C}_4$  alkanoylheterocycloalkyl,  $\text{C}_1\text{-C}_4$  alkanoylaryl,  $\text{C}_1\text{-C}_4$  alkanoylheteroaryl, mono- and di-sugar groups linked through a C atom which would carry an OH group in the sugar, wherein the sugars are independently selected from the group consisting of glucuronic acid and its stereoisomers at all optical atoms, aldopentoses, aldohexoses, including their desoxy compounds (as e.g. glucose, desoxyglucose, ribose, desoxyribose), or  $\text{R}_{21}$  and  $\text{R}_{22}$ , together with the N, form a ring with 4, 5, 6, 7, or 8 members, which may optionally contain still another heteroatom selected from the group N, O, and S,

$\text{R}_{23}$  independently of  $\text{R}_{21}$ , has the same meanings as  $\text{R}_{21}$ , or  $\text{CH}_2$ -pyridinium salts,  $\text{CH}_2$ -tri- $\text{C}_1\text{-C}_6$  alkylammonium salts,  $\text{CONH}_2$ ,  $\text{CSNH}_2$ ,  $\text{CN}$ , or  $\text{CH}_2\text{CN}$ ,

R24 independently of R21, has the same meanings as R21, or H, CN, COCH<sub>3</sub>, COOH, COOR21, CONR21R22, NH<sub>2</sub>, or NHCOR21,

R25 independently of R21, has the same meanings as R21, or H, CN, COCH<sub>3</sub>, COOH, COOR21, CONR21R22, NH<sub>2</sub>, or NHCOR21,

R24, R25 together with the N, form a ring with 4, 5, 6, 7, or 8 members, which may optionally contain still another heteroatom selected from the group N, O, and S,

~~R3 means H, F, Cl, Br, I, OH, OR31, NO<sub>2</sub>, NH<sub>2</sub>, NHR31, NR31R32, NHCHO, NHCOR31, NHCOCF<sub>3</sub>, CH<sub>3</sub>-m-hal<sub>m</sub> (with hal = Cl, F, and m = 1, 2, 3), or OCOR31,~~

R31, R32 are independently C<sub>1</sub>-C<sub>6</sub> alkyl, or R31 and R32, together with the N, form a ring with 4, 5, 6, 7, or 8 members, which may optionally contain still another heteroatom selected from the group N, O, and S,

R5 means H, C<sub>1</sub>-C<sub>20</sub> alkyl, cycloalkyl, C<sub>2</sub>-C<sub>20</sub> alkenyl, C<sub>2</sub>-C<sub>10</sub> alkynyl, C<sub>1</sub>-C<sub>4</sub> alkylcycloalkyl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylheterocycloalkyl, aryl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, C<sub>m</sub>H<sub>2m+o-p</sub>Y<sub>p</sub> (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR51, NH<sub>2</sub>, NHR51, NR51R52, SH, SR21), (CH<sub>2</sub>)<sub>s</sub>CH<sub>2</sub>NHCOR51, (CH<sub>2</sub>)<sub>s</sub>CH<sub>2</sub>NHCSR51, (CH<sub>2</sub>)<sub>s</sub>CH<sub>2</sub>S(O)<sub>n</sub>R51, with n = 0, 1, 2, (CH<sub>2</sub>)<sub>s</sub>CH<sub>2</sub>SCOR51, (CH<sub>2</sub>)<sub>s</sub>CH<sub>2</sub>OCOR51, (CH<sub>2</sub>)<sub>s</sub>CH<sub>2</sub>OSO<sub>2</sub>-R51, (CH<sub>2</sub>)<sub>s</sub>CH(OH)R51, (CH<sub>2</sub>)<sub>s</sub>COOH, (CH<sub>2</sub>)<sub>s</sub>COOR51, (CH<sub>2</sub>)<sub>s</sub>CONR51R52, with s = 0, 1, 2, 3, 4, 5, mono- and di-sugar groups linked through a C atom which would carry an OH group in the sugar, wherein the sugars are independently selected from the group consisting of glucuronic acid and its stereo isomers at all optical atoms, aldopentoses, aldohexoses, including their desoxy compounds (as e.g. glucose, desoxyglucose, ribose, desoxyribose), with the mono-sugar groups such as aldopentoses, aldohexoses, including

their desoxy compounds with R51, R52 which are capable of independently adopting the meaning of R21, R22,

R4, R6, R7 independently mean H, C<sub>1</sub>-C<sub>6</sub> alkyl, CO-R41,

R41 independently from R21, has the same meanings as R21,

X means O, S, NH, N-R8, wherein R8 independently from R5 may adopt the same meaning as R5, or R5 and R8, together with the N, form a ring with 4, 5, 6, 7, or 8 members, which may optionally contain still another heteroatom selected from the group N, O, and S, or X-R5 may together be H,

Y means O, S, NR9, wherein R9 may be H or C<sub>1</sub>-C<sub>6</sub> alkyl,

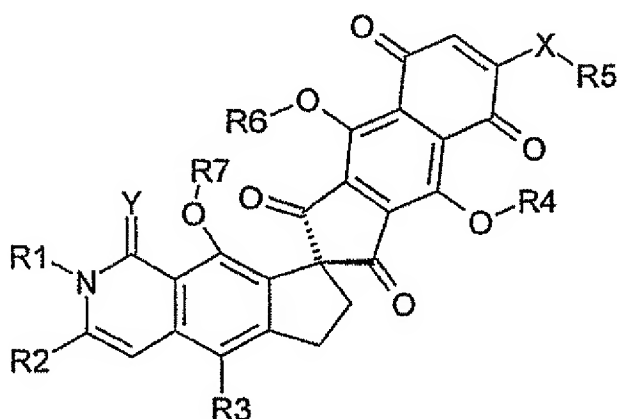
as well their stereoisomers, tautomers, and their physiologically tolerable salts, wherein the variable groups for Formula Ia may not concomitantly adopt the following meaning: R1: H, C<sub>1</sub>-C<sub>6</sub> alkyl, R2: C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, R3: H, R4 and R6 identical, and independently H, C<sub>1</sub>-C<sub>6</sub> alkyl, CO-R41, with R41 being C<sub>1</sub>-C<sub>6</sub> alkyl, aryl, and R7 being H, C<sub>1</sub>-C<sub>6</sub> alkyl, Y: O, and for Formula Ib: R1: H, R2: pentyl, 1-pentenyl, 3-pentenyl, 1,3-pentadienyl, R3: H, R4 and R6 being H, and X-R5 being methoxy, Y: O

wherein heterocycloalkyl by itself or as part of another substituent means cycloalkyl groups, wherein up to two CH<sub>2</sub> groups may be substituted by oxygen, sulfur or nitrogen atoms, and one or two other CH<sub>2</sub> groups may be substituted by one or two carbonyl function(s), carbothionyl function(s), or a carbonyl function and a carbothionyl function, and

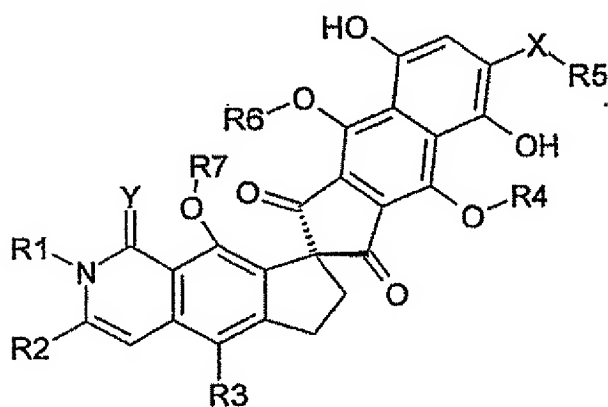
wherein heteroaryl by itself or as part of another substituent means aromatic ring systems with up to 3 rings and with up to 3 identical or different heteroatoms N, S, O, in which at least 1 ring system is aromatic, and those with up to 3 substituents, preferably up to 1 substituent, wherein the substituents independently can have the meaning C<sub>1</sub>-C<sub>6</sub> alkyl, OH, NO<sub>2</sub>, CN, CF<sub>3</sub>, OR11, SH, SR11, C<sub>1</sub>-C<sub>6</sub> alkylhydroxy, C<sub>1</sub>-C<sub>6</sub> alkyl-OR11, COOH, COOR11, NH<sub>2</sub>, NHCOR11,

NHR11, NR11R12, halogen, or phenyl, wherein R11 and R12 mean C<sub>1</sub>-C<sub>10</sub> alkyl, cycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylcycloalkyl, or R11 and R12, together with the N, form a ring with 4, 5, 6, 7 or 8 members optionally containing still another heteroatom selected from the group consisting of N, O, and S.

2. (Currently amended) The ~~compounds~~ compound according to claim 1, wherein Formula Ia or Ib adopts the stereochemistry of Formula IIa or IIb



II a

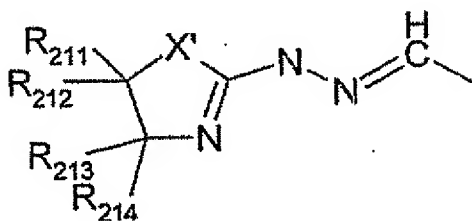


IIb

3. (Currently amended) The ~~compounds~~ compound of Formula Ia, Ib, IIa, IIb according to claim 2, wherein R2 has a water solubility that is at least two times higher compared to R2 being CH=CH-CH=CH-CH<sub>3</sub>, with all other groups being maintained.

4. (Currently amended) The ~~compounds~~ compound according to claim 1, wherein R3 means F, Cl, Br, I, OH, OR31, NO<sub>2</sub>, NH<sub>2</sub>, NHR31, NR31R32, NHCHO, NHCOR31, NHCOCF<sub>3</sub>, CH<sub>3</sub>,  
<sub>m</sub>hal<sub>m</sub> (with hal = Cl, F, and m = 1, 2, 3), or OCOR31.

5. (Currently amended) The ~~compounds~~ compound according to claim 1, wherein R3 means (CH<sub>2</sub>)<sub>r</sub>CHO, (CH<sub>2</sub>)<sub>r</sub>CH=NOH, -(CH<sub>2</sub>)<sub>r</sub>CH=NOR21, (CH<sub>2</sub>)<sub>r</sub>CH=NOCOR21, (CH<sub>2</sub>)<sub>r</sub>CH=NOCH<sub>2</sub>CONR21R22, (CH<sub>2</sub>)<sub>r</sub>CH=NOCH(CH<sub>3</sub>)CONR21R22, (CH<sub>2</sub>)<sub>r</sub>CH=NOC(CH<sub>3</sub>)<sub>2</sub>CONR21R22, (CH<sub>2</sub>)<sub>r</sub>CH=N-NHCO-R23, (CH<sub>2</sub>)<sub>r</sub>CH=N-NHC(O)NH-R23, (CH<sub>2</sub>)<sub>r</sub>CH=N-NHC(S)NH-R23, (CH<sub>2</sub>)<sub>r</sub>CH=N-NHC(NH)NH-R23, (CH<sub>2</sub>)<sub>r</sub>CH=N-NHC(NH)-R23, (CH<sub>2</sub>)<sub>r</sub>CH=N-NHCO-CH<sub>2</sub>NHCOR21, (CH<sub>2</sub>)<sub>r</sub>CH=N-O-CH<sub>2</sub>NHCOR21, (CH<sub>2</sub>)<sub>r</sub>CH=N-NHCS-R23, (CH<sub>2</sub>)<sub>r</sub>CH=CR24R25 (trans or cis), (CH<sub>2</sub>)<sub>r</sub>CH=NR21, (CH<sub>2</sub>)<sub>r</sub>CH=N-NR21R22,

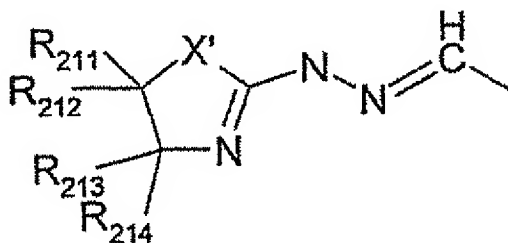


and the (CH<sub>2</sub>)<sub>r</sub>-chain elongated group (CH<sub>2</sub>)<sub>r</sub>CH=N-N-(C<sub>3</sub>NX'R211R212R213R214) (with X' = NR215, O, S, and R211, R212, R213, R214, R215 being independently H or C<sub>1</sub>-C<sub>6</sub> alkyl), (CH<sub>2</sub>)<sub>r</sub>CH=N-NHSO<sub>2</sub> aryl, (CH<sub>2</sub>)<sub>r</sub>CH=N-NHSO<sub>2</sub> heteroaryl, with r = 0, 1, 2, 3, 4, 5.

6. (Currently amended) The ~~compounds~~ compound according to claim 1, wherein X means N or S, or X-R5 is OH.

7. (Currently amended) The ~~compounds~~ compound according to claim 1, wherein  
R1 means H, C<sub>1</sub>-C<sub>5</sub> alkyl, cycloalkyl,  
R2 means C<sub>1</sub>-C<sub>5</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, C<sub>2</sub>-C<sub>5</sub> alkenyl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, CHF<sub>2</sub>, CF<sub>3</sub>, polyol side chain, CH<sub>2</sub>Y (Y = F, Cl, Br, I), CH<sub>2</sub>NH<sub>2</sub>, CH<sub>2</sub>NR21R22, CH<sub>2</sub>NHCOR23, CH<sub>2</sub>NHCSR23, CH<sub>2</sub>SH, CH<sub>2</sub>S(O)<sub>n</sub>R21, with n = 0, 1, 2, CH<sub>2</sub>SCOR21, CH<sub>2</sub>OH, CH<sub>2</sub>OR21,

$\text{CH}_2\text{OSO}_2\text{-R}_{21}$ ,  $\text{CHO}$ ,  $\text{CH(OR}_{21})_2$ ,  $\text{CH(SR}_{21})_2$ ,  $\text{CN}$ ,  $\text{CH=NOH}$ ,  $\text{CH=NOR}_{21}$ ,  $\text{CH=NOCOR}_{21}$ ,  
 $\text{CH=N-NHCO-R}_{32}$ ,  $\text{CH=CR}_{24}$ ,  $\text{R}_{25}$  (trans or cis),  $\text{COOH}$ ,  $\text{COOR}_{21}$ ,  $\text{CONR}_{21}\text{R}_{22}$ ,  
 $\text{-CH=NR}_{21}$ ,  $\text{-CH=N-NR}_{21}\text{R}_{22}$ ,



(with  $\text{X}' = \text{NR}_{215}$ ,  $\text{O}$ ,  $\text{S}$ , and  $\text{R}_{211}$ ,  $\text{R}_{212}$ ,  $\text{R}_{213}$ ,  $\text{R}_{214}$ ,  $\text{R}_{215}$  being independently  $\text{H}$  or  $\text{C}_1\text{-C}_6$  alkyl),  $\text{-CH=N-NHSO}_2$  aryl,  $\text{-CH=N-NHSO}_2$  heteroaryl, or  $\text{CH=N-NHCO-R}_{23}$ ,

$\text{R}_{21}$ ,  $\text{R}_{22}$  independently mean  $\text{C}_1\text{-C}_6$  alkyl, cycloalkyl, aryl,  $\text{C}_1\text{-C}_4$  alkylaryl, heteroaryl, or  $\text{C}_1\text{-C}_4$  alkylheteroaryl,

$\text{R}_{23}$  independently of  $\text{R}_{21}$ , has the same meanings as  $\text{R}_{21}$ , or  $\text{CH}_2\text{-pyridinium}$  salts, or  $\text{CH}_2\text{-tri-C}_1\text{-C}_6$  alkylammonium salts,

$\text{R}_{24}$  independently of  $\text{R}_{21}$ , has the same meanings as  $\text{R}_{21}$ , or  $\text{H}$ ,  $\text{CN}$ ,  $\text{COCH}_3$ ,  $\text{COOH}$ ,  $\text{COOR}_{21}$ ,  $\text{CONR}_{21}\text{R}_{22}$ ,  $\text{NH}_2$ , or  $\text{NHCOR}_{21}$ ,

$\text{R}_{25}$  independently of  $\text{R}_{21}$ , has the same meanings as  $\text{R}_{21}$ , or  $\text{H}$ ,  $\text{CN}$ ,  $\text{COCH}_3$ ,  $\text{COOH}$ ,  $\text{COOR}_{21}$ ,  $\text{CONR}_{21}\text{R}_{22}$ ,  $\text{NH}_2$ , or  $\text{NHCOR}_{21}$ ,

$\text{R}_{24}$ ,  $\text{R}_{25}$  together mean  $\text{C}_4\text{-C}_8$  cycloalkyl,

$\text{R}_3$  means  $\text{F}$ ,  $\text{Cl}$ ,  $\text{Br}$ ,  $\text{I}$ ,  $\text{NO}_2$ ,  $\text{NH}_2$ , or  $\text{NHCOR}_{31}$ ,

$\text{R}_{31}$  independently means  $\text{C}_1\text{-C}_6$  alkyl,



R5 means H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>8</sub> cycloalkyl, C<sub>3</sub>-C<sub>8</sub> cycloalkenyl, C<sub>1</sub>-C<sub>6</sub> alkenyl, C<sub>1</sub>-C<sub>6</sub> alkynyl, C<sub>1</sub>-C<sub>4</sub> alkylcycloalkyl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylheterocycloalkyl, aryl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, C<sub>m</sub>H<sub>2m+o-p</sub>Y<sub>p</sub> (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR21, NH<sub>2</sub>, NHR21, NR21R22, SH, SR21), hydroxyalkyl with one or more OH groups,

R4, R6, R7 independently mean H, C<sub>1</sub>-C<sub>5</sub> alkyl, or CO-R41,

R41 independently from R21, has the same meanings as R21,

X means O, S, NH, or N-R8,

Y means O, or S.

8. (Canceled)

9. (Previously presented) Drugs containing compounds according to claim 1, a carrier and adjuvants.

Claims 10-14 (Canceled)

15. (Currently amended) A method of treating a tumor in a patient comprising administering an effective amount of a compound of claim 1 to said patient wherein said tumor is selected from the group consisting of lung, breast, melanoma, renal, uterine and prostate tumors.

16. (Previously presented) A method of treating parasites comprising administering to a patient in need of such treatment an effective amount of a compound according to claim 1.

17. (New) The compound according to claim 1, wherein heteroaryl means a ring system selected from the group consisting of

